

Title (en)
COMPENSATION DEVICE, AND WIRELESS COMMUNICATION DEVICE

Title (de)
KOMPENSATIONSVORRICHTUNG UND DRAHTLOSE KOMMUNIKATIONSVORRICHTUNG

Title (fr)
DISPOSITIF DE COMPENSATION ET DISPOSITIF DE COMMUNICATION SANS FIL

Publication
EP 2903232 A1 20150805 (EN)

Application
EP 13840521 A 20130822

Priority
• JP 2012210799 A 20120925
• JP 2013072434 W 20130822

Abstract (en)
A compensation apparatus is provided which performs a compensation process of removing an image component in a quadrature-demodulated signal. The compensation apparatus includes a quadrature demodulation compensation section that compensates for the quadrature-demodulated signal including an I signal and a Q signal. The quadrature demodulation compensation section is configured to perform a compensation process of compensating for a characteristic difference between the frequency characteristic of a first filter that performs filtering of the I signal and the frequency characteristic of a second filter that performs filtering of the Q signal.

IPC 8 full level
H04L 27/38 (2006.01); **H04B 1/10** (2006.01); **H04B 1/26** (2006.01); **H04L 27/22** (2006.01)

CPC (source: EP US)
H04B 1/0475 (2013.01 - EP US); **H04B 1/10** (2013.01 - US); **H04B 1/123** (2013.01 - US); **H04B 1/16** (2013.01 - EP US); **H04B 1/26** (2013.01 - US); **H04L 27/22** (2013.01 - EP US); **H04L 27/38** (2013.01 - US); **H04L 27/3863** (2013.01 - EP US); **H04L 27/389** (2013.01 - EP US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2903232 A1 20150805; **EP 2903232 A4 20160511**; **EP 2903232 B1 20190522**; IN 2078DEN2015 A 20150814; JP 2014068116 A 20140417; JP 5935631 B2 20160615; US 2015222309 A1 20150806; US 9231634 B2 20160105; WO 2014050382 A1 20140403

DOCDB simple family (application)
EP 13840521 A 20130822; IN 2078DEN2015 A 20150313; JP 2012210799 A 20120925; JP 2013072434 W 20130822; US 201314425859 A 20130822